SANGEAN

User Manual

RCR-3

Important safety instructions

1. Read and understand all safety and operating instructions before the radio is operated.

2. Retain instruction: The safety and operating instructions should be retained for future reference.

3. Heed warnings. All warnings on the appliance and operating instructions should be followed.

4. Follow all operations and use instructions.

5. Water and moisture: The appliance should not be used near water. Do not use near a bathtub, washbowl, laundry tub, kitchen sink, wet basement, swimming pool, etc.

6. Unplug the radio from the AC power outlet before cleaning. Use only a damp cloth for cleaning the exterior of the radio.

7. Do not place the radio on an unstable cart, stand, bracket or table. The radio may fall, causing serious personal injury and damage to the radio.

8. Ventilation: This radio should be situated so that its location or position does not interfere with its proper ventilation. For example, the radio should not be used on a bed, sofa, rug or other soft surfaces that may block the ventilation openings. It should not be placed in a built-in situation like a cabinet that may reduce air flow through the ventilation openings.

9. Power sources: The radio should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your radio dealer or power company.

10. Power cords: The power cord should be positioned so it is not walked on, pinched, or items placed on top of it. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit. Unplug the power cord by gripping the power plug, not the cord. Operate the radio using only the current type of power source indicated. If you are not sure of the type of power supply to your home, consult your dealer or local power company.

11. Do not overload wall outlets or extension cords. This can result in a risk of fire or electrical shock. Never insert objects of any kind into the radio through opening. The objects may touch dangerous voltage points or short out parts. This could cause a fire or electrical shock.

12. If the radio is left attended and unused for long periods of time, unplug it form the wall outlet. This will prevent damage caused by lightning or power line surges.

13. If the radio is left unattended and unused for a long period of time, remove the batteries. The batteries may leak and damage furniture of your radio.

14. Do not attempt to service the receiver yourself. Removing the cover may expose you to dangerous voltage, and will void the warranty. Refer all servicing to authorized service personnel.

15. Object and Liquid Entry-Never push objects of any kind into this radio through opening as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind of product.

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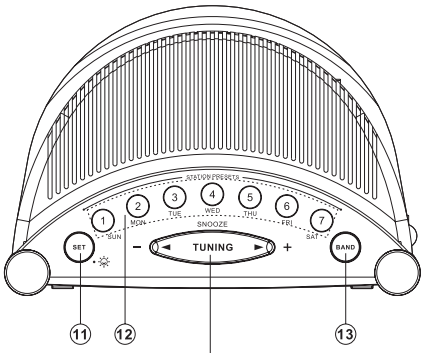
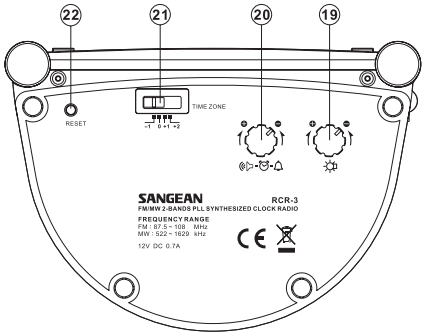
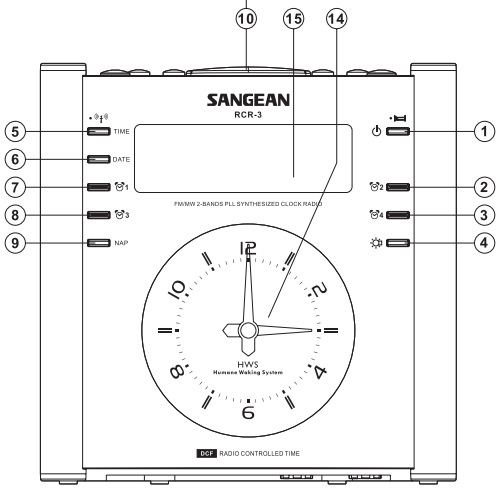
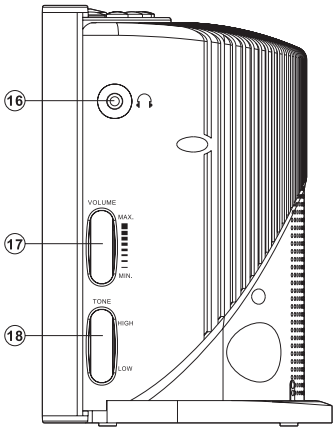
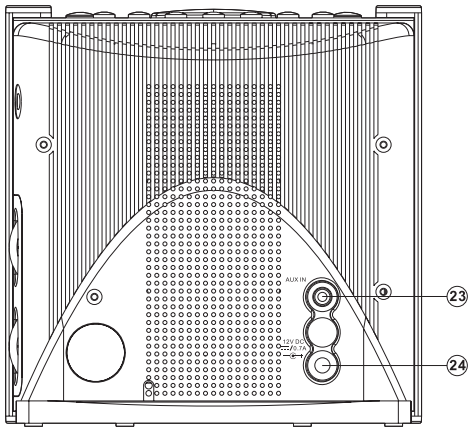
16. The appliance should be serviced by qualified service personnel when:
    A. The power supply cord or the plug has been damaged.
    B. Objects have fallen or liquid had been spilled into the radio.
    C. The radio has been exposed to rain or water.
    D. The radio does not appear to operate normally or exhibits a marked change in performance.
    E. The radio has been dropped, or the enclosure damaged.


AUDIO PRESETS
1 SUN
2 MON
3 TUE
4 WED
5 THU
6 FRI
7 SAT
SNOOZE
SET
TUNING
BAND
11
12
13


22
21
20
19
RESET
TIME ZONE
-1 0 +1 +2
SANGEAN
RCR-3
FM/MW 2-BANDS PLL SYNTHESIZED CLOCK RADIO
FREQUENCY RANGE
FM : 87.5 ~ 108 MHz
MW : 522 ~ 1629 kHz
12V DC 0.7A

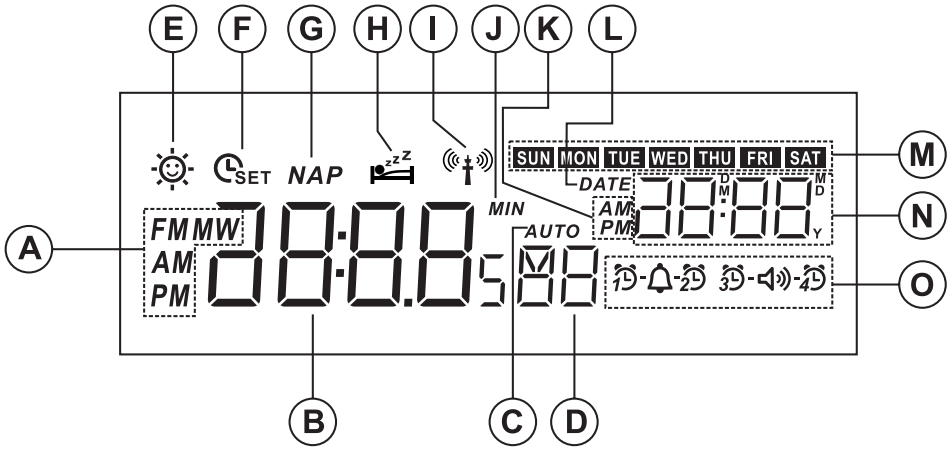

10
15
14
SANGEAN
RCR-3
5 TIME
6 DATE
7 ⏰1
8 ⏰3
9 NAP
1 ⏻
2 ⏰2
3 ⏰4
4 ☼
FM/MW 2-BANDS PLL SYNTHESIZED CLOCK RADIO
HWS
Humane Waking System
DCF RADIO CONTROLLED TIME


16
VOLUME
MAX.
MIN.
17
TONE
HIGH
LOW
18


AUX IN
23
12V DC
24

Controls

① Power button and Sleep timer
② Alarm 2 button
③ Alarm 4 button
④ Light button
⑤ Time set button
⑥ Date set button
⑦ Alarm 1 button
⑧ Alarm 3 button
⑨ Nap button
⑩ Tuning Up/Down and Snooze button
⑪ SET and Light Saving Time button
⑫ Station presets
⑬ FM/AM/AUX band selection
⑭ Clock
⑮ LCD display
⑯ Headphones socket
⑰ Volume control
⑱ Tone control
⑲ Light level control
⑳ Alarm sound level control
㉑ Time zone switch
㉒ Reset
㉓ AUX-IN
㉔ Power In



LCD display

Ⓐ Radio band and clock AM/PM display
Ⓑ Time indicator/Frequency
Ⓒ Auto tuning indicator
Ⓓ Memory and seconds indicator
Ⓔ Daylight Saving Time indicator
Ⓕ Time set indicator
Ⓖ Nap indicator
Ⓗ Sleep indicator and Snooze indicator
Ⓘ Radio controlled time signal
Ⓙ Minute indicator
Ⓚ Alarm AM/PM indicator
Ⓛ Date indicator
Ⓜ Day of week indicator
Ⓝ Month/Date/Year/alarm time indicator
Ⓞ Alarm indicator

Operation

Power On

Automatic radio station presetting and clock setting

1. Connect the plug to a wall socket at the first time, the radio will automatically preset AM and FM stations. 7 highest frequency stations from both AM and FM.
2. Then your clock radio will display -:- and the indicator will flash on the display. The time will be set if the auto time set service is available.
3. When the radio is off, press and hold Time button for more than 4 seconds to receive Auto Time Set signal.

Clock

Manual clock setting (only if automatic setting fails)

1. Press the TIME button, and the display will show SET.
2. Press the SET button, and the hour digits will flash on the display.
3. Press the TUNING up or down button to adjust the hours.
4. Then press the SET button, and the minute digits will flash on the display.
5. Press the TUNING up or down button to adjust the minutes.
6. Press SET button to complete the time setting.

* You can also stop the process and save the setting anytime by pressing TIME button.

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Manual date setting (only if automatic setting fails)

1. Press the DATE button then press SET button, the year digits will flash.
2. Press the TUNING up or down button to adjust the year.
3. Press the SET button again and the month digits will flash.
4. Press the TUNING up or down button to adjust the month.
5. Press the SET button again and the date digits will flash.
6. Press the TUNING up or down button to adjust the date.
7. Preset SET button to complete the time setting.

* You can also stop the process and save the setting anytime by pressing DATE button.

Change 12/24 hour clock format

1. Press TIME button, and then press SET button.
2. To set 12 hour clock format, press Station preset 1, or, to set 24 hours clock format, press Station preset 2.
3. Press TIME button to finish the setting.

D.S.T. (Daylight Saving Time)

1. When the display shows the time, press the SET button for more than 4 seconds to set the clock 1 hour faster, and the display will show ☼ .
2. To set the clock back from D.S.T., press the SET button for more than 4 seconds, the symbol ☼ will disappear.

Radio operation

Tuning into radio stations

There are 3 ways of tuning your radio:

A. Manual tuning

1. Press the Power button to turn on your radio.
2. Press the BAND button repeatedly to select AM (MW) or FM waveband.
3. Press the TUNING up or down button to change the frequency.
4. Press the Power button again to turn off your radio.

B. Scan tuning

1. Press the Power button to turn on your radio.
2. Press the BAND button repeatedly to select AM (MW) or FM waveband.
3. Press the TUNING up or down button for more 0.5 second and release, it will tune into the next frequency with reception.
4. Press the Power button again to turn off your radio.

C. Presetting and recalling stations

Presetting stations:

1. Press the Power button to turn on your radio.
2. Press the BAND button repeatedly to select AM (MW) or FM waveband.
3. Tune into the station that you would like to preset.
4. There are 7 preset buttons from 1 to 7. Press 1 of them and hold for more than 2 seconds until the radio beeps, and the station frequency will be saved into the chosen preset.
5. Repeat the procedure for the remaining presets. Your radio has 7 presets for each AM and FM.
6. The preset can be overwritten by following the above procedure.

Recalling stations:

1. Press the BAND button for AM or FM.
2. Simply press 1 of the PRESET buttons (from 1 to 7) you would like to tune into. And the preset number and frequency will appear on the display.

Alarm operation

There are 4 alarms which can be set independently. Alarm 1 and Alarm 2 can be set to wake you by buzzer, and Alarm 3 and Alarm 4 can be set with radio alarm. When the alarm light is on, it means the indicated alarm will active in 24 hours.

How to set Buzzer Alarm (Alarm 1 and Alarm 2)

The buzzer beep increases in volume every 15 seconds. It beeps 1 minute, followed by 1 minute silence and repeat the cycle.
The buzzer will beep for 1 hour, or stop by pressing the Power button.
The buzzer alarm volume may be adjusted through the Alarm sound level control button on the bottom of the radio.

1. Press the Alarm 1 (or Alarm 2) button and Alarm 1 time (or Alarm 2) time will show on the display.
2. Press the SET button, the alarm hour will show on the display.
3. Press TUNING up or down button to adjust the hour.
4. Press the SET button again and adjust the minute by pressing TUNING up or down button.
5. Select required days of week on which the alarm will beep by pressing day of week buttons. (press the day buttons again to deactivate the days)
6. Press the SET button to complete the setting.
7. When it is buzzing, the 🔔 or 🔔 mark is blinking. Press the Power button to stop the buzzer. And the 🔔 or 🔔 mark will stop blinking.

* You can press the Alarm 1(or Alarm 2) button anytime to complete the setting.

How to set Radio Alarm (Alarm 3 and Alarm 4)

The Radio Alarm will sound for 1 hour, or stop by pressing the Power button. The Radio Alarm volume may be adjusted through the Alarm sound level control button on the bottom of the radio.

1. Press the Alarm 3 (or Alarm 4) button and Alarm 3 time (or Alarm 4) time will show on the display.
2. Press the SET button, the alarm hour will show on the display.
3. Press TUNING up or down button to adjust the hour.
4. Press the SET button again and adjust the minute by pressing TUNING up or down button.
5. Select required days of week on which the alarm will beep by pressing day of week buttons. (press the day buttons again to deactivate the days)
6. Press the SET button again and press BAND button to select FM or AM (MW), and press TUNING up or down button to tune into the station that you wish to wake up and adjust volume.
7. Press the SET button to complete the setting.
8. Press the Power button to switch off the radio.
9. When it is buzzing, the 3-🔊 or 🔊-4 mark is blinking. Press the Power button to stop the buzzer. And the 3-🔊 or 🔊-4 mark will stop blinking.
10. When the radio signal is weak, the radio alarm will be buzzer alarm.

* You can press the Alarm 3(or Alarm 4) button anytime to complete the setting.
* When it is AUX-IN, and the radio band is not set, the alarm will be buzzer alarm.

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Snooze function

1. To interrupt the alarm signal (radio alarm or buzzer alarm), press any button on the top side of the radio (up/ down/SET/ PRESET 1-7/band button). The alarm will stop for 5 minutes and the display will show . The snooze function can be repeat during the period of the alarm is active.
2. Press the Power button to cancel the snooze and alarm function.

How to deactivate alarms

1. Press and continue to hold the Alarm 1 (or Alarm 2, 3, 4 button) that you wish to cancel for more than 2 seconds.
2. The symbol or or or will disappear from the display. And the alarm you press will be cancelled.
3. To reactive the alarm, press and hold Alarm 1 or Alarm 2,3,4 button that you wish to reactive, and the symbol or or or will appear on the display and it will be reactive.

Nap timer

1. It is a countdown alarm which will sound after the time period that you set. And the time period can be set from 10 to 120 minutes in 10 minutes steps.
2. Press the NAP button until the required time period is shown on the display.
3. The word NAP will be shown on the display and the Nap timer is set.
4. While the Nap timer is alarming, press the Power button to silence the alarm.
5. To cancel the Nap timer before the time Nap time is elapsed, press and release the NAP button until the OFF word is appeared on the display.

Sleep timer – radio auto shut off

The Sleep timer can be set from 15-120 min. The radio will be switch off after the time you set has elapsed.

1. When the radio is off, press and continue to hold the button, the radio will be switched on and the display will show the timer minutes in turn, and release the button when the required time is appeared. Then the Sleep timer is set.
2. To cancel the Sleep timer, press the Power button and the symbol will be gone.

Time zone setting

Set TIME ZONE switch (on the bottom of the radio) to 0 position for regular case.

For some countries where don't provide radio controlled time facility but able to receive radio controlled time signal from nearby countries and the time zone is different, you may use the TIME ZONE switch to correct the time.

For example, in Turkey which is one hour ahead of Central European time but still can receive radio controlled time signal from Germany (Central European time), you may use this TIME ZONE switch to correct the local time.

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Display backlight adjustment

Press the ☼ button to switch the display backlight to be brighter or darker. When it is switched to darker, you can turn the LIGHT LEVEL CONTROL button to adjust the display light to be the most dark.

Headphone socket

Plus in a headphone to the Headphone socket 🎧 for headphone function, and the built-in radio speaker will be muted.

AUX IN socket

Plug in external audio devices such as CD player to the AUX IN socket (on the side of the radio), then play your device and press the Band button repeatedly until you see “AU” on the display.
The radio will amplify and play out the signal form your device.

Reset the radio

If your radio doesn’t operate correctly, or some display digits are missing, press the RESET button (on the bottom of the radio) with suitable implement for more than 2 seconds, the whole memory will be reset as a brand-new one.

Technical data

Power supply:
120 Volt/60 Hz (USA version);
230 Volt/50 Hz (Europe version)/ADAPTOR DC OUT 12V/0.7A

Output power: 1.2 W (max)

Power consumption: 7W (max)@120V, 8W (max)@230V

Frequency coverage:
FM 87.5 – 108.0 MHz
AM 520 – 1710 kHz (USA version);
AM 522 – 1629 kHz (Europe version)

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If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)